Guardian Angels † Central Catholic

*The mission of Guardian Angles † Central Catholic is to prepare all students to reach their fullest potential by learning and leading through Christ.*

**Math 7 Course Description**

Math 7 emphasizes whole numbers, number theory, equations, decimals, and

fractions in the context of understanding how these principles work in the context of real-life situations. This class investigates measurements, both customary and metric, principles of geometry, as well as percent, sets, and statistics. Problem solving methods are explored as well as the relationships between sets of numbers. Beginning Algebra and Geometry concepts are introduced. Upon successfully completing this course the student will be prepared for a first course in Algebra.

**Topics Discussed**

1. numeration
2. number sense
3. computation
4. estimation
5. measurement
6. solving equations
7. graphing

# Materials Required

### **Text: Mathematics Course 2**

The test used in class will act as a guide throughout the year providing examples, explanation and practice problems. Students will be responsible to bring their text to class each day. The text needs to be covered. A $1.00 fine will be assessed for each day the book is not covered.

**Notebook:**

Students will be responsible for keeping a notebook. All notes and examples must be written down. The notebook may be handed in at the end of each chapter for a grade.

**Calculator:**

A calculator is not required for this class. If you have a calculator, know that they will not be allowed on tests and quizzes.

**Two Pocket Folder:**

This will be where you store samples of your work, tests and journal entries.

## Assessment and Grading Procedures

**Homework:**

*Bookwork* will be assigned almost every day and awarded up to 10 points based on the accuracy of your homework. Late assignments are docked 25% and must be handed in prior to the chapter test. Any assignment handed in after the chapter test will not be graded.

*Worksheets* will be assigned periodically and will be graded for accuracy. You will have class time to work and you can come to me before or after school to have me check it. This provides you the opportunity to make changes before we grade it in class.

**Exams:** A 100 point exam will be given at the end of each chapter.

**Grading Scale:**

A+ = 99 – 100 B+ = 91-92 C+ = 84-85 D+ = 76-77

A = 95-98 B = 88-90 C = 80-83 D = 72-75

A- = 93-94 B- = 86-87 C- = 78-79 D- = 70-71

Any grade below a 70% is considered failing.

## Attendance Expectations

**Absences:**

All students are expected to be in attendance everyday. Attendance has a direct effect on a student’s grade. If a student is not in class he or she is responsible for getting any notes missed as well as finding out what the assignment was. The principal will be notified when you have accumulated 5 absences.

**Tardies:**

The student is expected to be in their seat when the bell rings. A failure to do so will result in an honor card point. Excessive tardies will result in a phone call home and a referral to the principal.

**Behavior Expectations:**

**Sycamore**

I expect you to use the Sycamore system to keep updated on your grade and assignments. Keep in mind that the pass-a-note system is a great way to contact me.

While the student is in class he or she will be focused on learning. Disrespect of another or of the environment will be dealt with as it occurs. Any major offenses will result in parental contact and a referral.

NO food or drink (with the exception of water) will be allowed in the classroom.

ALL distractions will be confiscated. This includes but is not limited to cell phones, mp3 players, headphones, and homework for another class.

## Tips for Success

1. Keep a positive attitude
2. Take all notes and participate during lecture
3. Ask questions
4. Don’t get behind
5. Show all work
6. I am available for extra help before and after school.

I have read and I understand all information contained in this document:

student signature

parent signature